

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 1    | processor adj1 system and imager adj1 sensor                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/02/11 11:30 |
| L2    | 135  | processor and imager adj1 sensor   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/02/11 11:30 |
| S1    | 193  | pixel adj1 cell and transfer adj1 gate                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/01 10:12 |
| S2    | 2    | S1 and (work-function or work adj1 function or workfunction)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/27 11:51 |
| S3    | 4    | imager adj1 sensor and (work-function or work adj1 function or workfunction) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/27 11:56 |
| S4    | 1    | imager adj1 sensor and mid-gap   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/27 11:54 |
| S5    | 2    | ((("6177333") or ("6204524")).PN.  | USPAT   | OR               | OFF     | 2004/11/27 12:00 |
| S6    | 363  | 257/249.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/27 12:05 |
| S7    | 0    | pixel adj1 cell and (mid-gap or mid adj1 gap or modgap)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/27 12:06 |
| S8    | 1    | pixel adj1 cell and (mid-gap or mid adj1 gap or midgap)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/27 12:07 |

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| S9  | 193   | pixel adj1 cell and transfer adj1 gate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/27 12:07 |
| S10 | 199   | 257/407.ccls.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 10:18 |
| S11 | 117   | imager adj1 sensor and metal           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 10:20 |
| S12 | 0     | imager adj1 sensor and metal adj1 gate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 10:19 |
| S13 | 434   | mid-gap                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 10:20 |
| S14 | 293   | S13 and "257"/\$\$\$ccls.              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 10:20 |
| S15 | 719   | 257/292-293.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 12:23 |
| S16 | 13737 | work adj1 function                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 12:23 |
| S17 | 3933  | S16 and transistor                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 12:24 |
| S18 | 126   | S17 and mid adj1 gap                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 12:25 |

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| S19 | 961  | 257/290,291.ccls.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:08 |
| S20 | 661  | 438/48.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:08 |
| S21 | 18   | cmos adj1 imager and potential<br>adj1 barrier       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/06 08:26 |
| S22 | 1    | cmos adj1 imager and mid-gap                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/06 08:28 |
| S23 | 3    | cmos adj1 imager and work adj1<br>function           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/06 08:29 |
| S24 | 1    | cmos adj1 imager and<br>work-function                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/06 08:30 |
| S25 | 1130 | 257/461.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/06 08:30 |
| S26 | 1    | "20020190287".pn.                                    | US-PGPUB  | OR | OFF | 2005/02/11 09:35 |
| S27 | 3    | ((("6818930") or ("6570201") or<br>("6767312"))).PN. | USPAT   | OR | OFF | 2005/02/11 09:37 |
| S28 | 1    | pixel adj1 cell and mid-gap adj1<br>material         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 10:19 |
| S29 | 0    | imager adj1 sensor and mid-gap<br>adj1 material      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 10:20 |

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| S30 | 1   | image adj1 sensor and mid-gap<br>adj1 material   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 10:20 |
| S31 | 0   | imaging adj1 sensor and mid-gap<br>adj1 material | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 10:21 |
| S32 | 0   | cmos adj1 imager\$2 and mid-gap<br>adj1 material | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 10:21 |
| S33 | 4   | cmos adj1 imager\$2 and mid-gap                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 10:23 |
| S34 | 31  | sensor and mid-gap                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 10:24 |
| S35 | 813 | sensor and sige                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 10:25 |
| S36 | 167 | image adj1 sensor and SiGe                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/11 11:29 |